

Attorney's Docket No.: 13854-024001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zhimin Liu  
Serial No. : 09/705,166  
Filed : November 1, 2000  
Title : WAVELENGTH INTERLEAVER

Art Unit : 2877  
Examiner : Kaveh Cyrus Kianni

## BOX AF

Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO THE OFFICIAL ACTION MAILED JANUARY 15, 2003

In response to the official action mailed January 15, 2003, please amend the application  
as follows:

In the Claims:

Please amend claims 1, 9, and 16 as follows:

FAX RECEIVED

MAY 28 2003

TECHNOLOGY CENTER 2800

1. (Twice Amended) An optical interleaver comprising:  
a first collimating lens for collimating an input optical signal into collimated beams and a  
second collimating lens for focusing said collimated parallel beams into an output optical fiber;  
and  
a phase delay difference generating means for generating substantially one phase-delay  
difference between portions of said collimated parallel beams, wherein the phase delay  
difference generating means is optically coupled between said first and said second collimating  
lens for generating a substantially periodic interference pattern when said collimated parallel  
beams are focused by said second collimating lens.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being  
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sufficient postage on the date indicated below and is addressed to: Box  
AF, Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit March 17, 2003  
Melissa Alexander  
Signature

Melissa Alexander  
Typed or Printed Name of Person Signing Certificate